

2010 CAPITOL HILL DTS BUILDING REROOF

1104 STATE OFFICE BUILDING
CAPITOL HILL COMPLEX
SALT LAKE CITY, UTAH 84114

**AUGUST 4th, 2010
BID DOCUMENTS**



STATE OF UTAH
DEPARTMENT OF ADMINISTRATIVE SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building / Salt Lake City, Utah 84114 / 801.538.3018 / www.dfcu.utah.gov

DFCM PROJECT NO. 10235310

ARCHITECT



**SCOTT P. EVANS - ARCHITECT
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PROFESSIONAL STAMP:

PROJECT NAME:

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REVISIONS:

NO.	DATE	DESCRIPTION
01	08/04/10	BID DOCUMENTS

ISSUED:

NO.	DATE	DESCRIPTION
01	08/04/10	BID DOCUMENTS

OWNER PROJECT #: 10235310
SPE PROJECT #: 10-20
DRAWN BY: JBE
CHECKED BY: SPE
DESIGNED BY: SPE

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SHEET TITLE:

COVER SHEET

SHEET NUMBER:

GI-001

ABBREVIATIONS

@	at	EA	each	JAN	janitor	RESIL	resilient
ABV	above	EIFS	exterior insulation & finish system	JST	joist	RM	room
ACOUS	acoustical	ELEC	electrical	JT	joint	RO	rough opening
ACT	acoustical ceiling tile	ELEV	elevation	LAM	laminated	RTU	roof top unit (mechanical)
AD	area drain	EMER	emergency	LAV	lavatory	S	south
ADJ	adjustable	ENCL	enclosure	LB(S)	pounds	SAFB	sound attenuation fabric
AFF	above finished floor	EOS	edge of slab	LDG	landing	ball	ball
ALT	alternate	EQ	equal	LT	light	SC	scupper
ALUM	aluminum	EQUIP	equipment	MAX	maximum	SCHED	schedule
APPROX	approximate	ETR	existing to remain	MECH	mechanical	SEAL	sealant
ARCH	architect	EW	each way	MEMB	membrane	SECT	section
B.O.	bottom of	EXP. JT.	expansion joint existing	MFR	manufacturer	SF	square foot
BALC	balcony	EXST	existing	MIN	minimum	SHT	sheet
BD	board	F.O.	face of	MISC	miscellaneous	SIM	similar
BET	between	FA	fire alarm	MO	masonry opening	SPEC	specification
BLDG	building	FAP	fire annunciator panel	MTD	mounted	SQ	square
BLKG	blocking	FD	floor drain	MTL	metal	SS	stainless steel
BLW	below	FE	fire extinguisher	(N)	new	STD	standard
BM	beam	FEC	fire extinguisher cabinet	N	north	STL	steel
BOT	bottom	FG	finish group	NIC	not in contract	STOR	storage
BRKT	bracket	FH	fire hydrant	NO	number	STRUCT	structural
BULKHD	bulkhead	FHC	fire hose cabinet	NOM	nominal	SUSP	suspended
BUR	built up roof	FIN	finish	NTS	not to scale	SYM	symmetrical
C.G.	corner guard	FLR	floor	O.P.	overflow pipe	T	tread
CAB	cabinet	FLUOR	fluorescent	OA	on center	T&G	tongue & groove
CALK	caulking	FT	foot or feet	OC	on center	TEL	telephone
CEM	cement	FUR	furring	OD	outside diameter	TER	terrazzo
CER	ceramic	FV	field verify	OFF	office	THK	thick
CJ	control joint	GAL	gallon	OH	opposite hand	THR	threshold
CLOS	closet	GALV	galvanized	OPG	opening	TO	top of
CLR	clear	GB	grab bar	OPP	opposite	TOM	top of masonry
CO	cased opening	GC	general contractor	PART	partition	TYP	typical
COL	column	GL	glass	PERM	perimeter	UC	undercut
CONC	concrete	GND	ground	PG	paint grade	UNFIN	unfinished
CONT	continuous	GWB	gypsum board	PLAM	plastic laminate	UNO	unless noted otherwise
CPT	carpet	GYP	gypsum	PLAS	plaster	UON	unless otherwise noted
CT	ceramic tile	H.W.H.	hot water heater	PLYWD	plywood	UTIL	utility
CTR	center	HC	handicapped	PR	pair	VCT	vinyl composition tile
DBL	double	HDWD	hardwood	PT	paint	VERT	vertical
DET	detail	HDWR	hardware	PTD	painted	VIF	verify in field
DIA	diameter	HM	hollow metal	R	riser	VTR	vent termination pipe
DIM	dimension	HORIZ	horizontal	RAD	radius	WVC	wall covering
DN	down	HR	hour	RCP	reflected ceiling plan	W	west
DR	door	HT	height	RD	roof drain	W/	with
DS	down spout	ID	inner diameter	RE	refer	W/O	without
DW	dishwasher	INCAN	incandescent	REF	refrigerator	WC	water closet
DWG	drawing	INSUL	insulation	REINF	reinforced	WIN	window
Ø	diameter	INT	interior	REQD	required	WP	waterproof
(E)	existing					WS	wet stack
E	east					WSCT	wainscot
						WT	weight

MATERIALS

	EARTH
	STRUCTURAL FILL
	CMU MASONRY
	BRICK MASONRY
	CONCRETE
	GRAVEL
	STEEL
	ALUMINUM
	RIGID INSULATION
	BATT INSULATION
	PLYWOOD
	PARTICLEBOARD
	GYPSUM BOARD
	ASPHALT PAVING
	WOOD (STUDS / NAILERS)
	WOOD (BLOCKING)
	WOOD

GRAPHIC SYMBOLS

	Room name	ROOM NAME
	101	ROOM NUMBER
	150 SF	ROOM SQ. FT. (WHERE OCCURS)
	A1	DETAIL CALLOUT
	A1	BUILDING SECTION
	A1	WALL SECTION
	A1	DETAIL SECTION
	#	DRAWING REVISION
	#	REVISION NUMBER
	N	NORTH ARROW
	A	GRID REFERENCE
	CL	CENTER LINE
	CEILING HEIGHT	
	LEVEL ELEVATION	VERTICAL ELEVATION
	SPOT ELEVATION	
	101	DOOR NUMBER
	2	WALL TYPE
	2	WINDOW TYPE
	2	KEYED NOTE
	### ###	KEYED NOTE
	2	GLASS TYPE

GENERAL NOTES

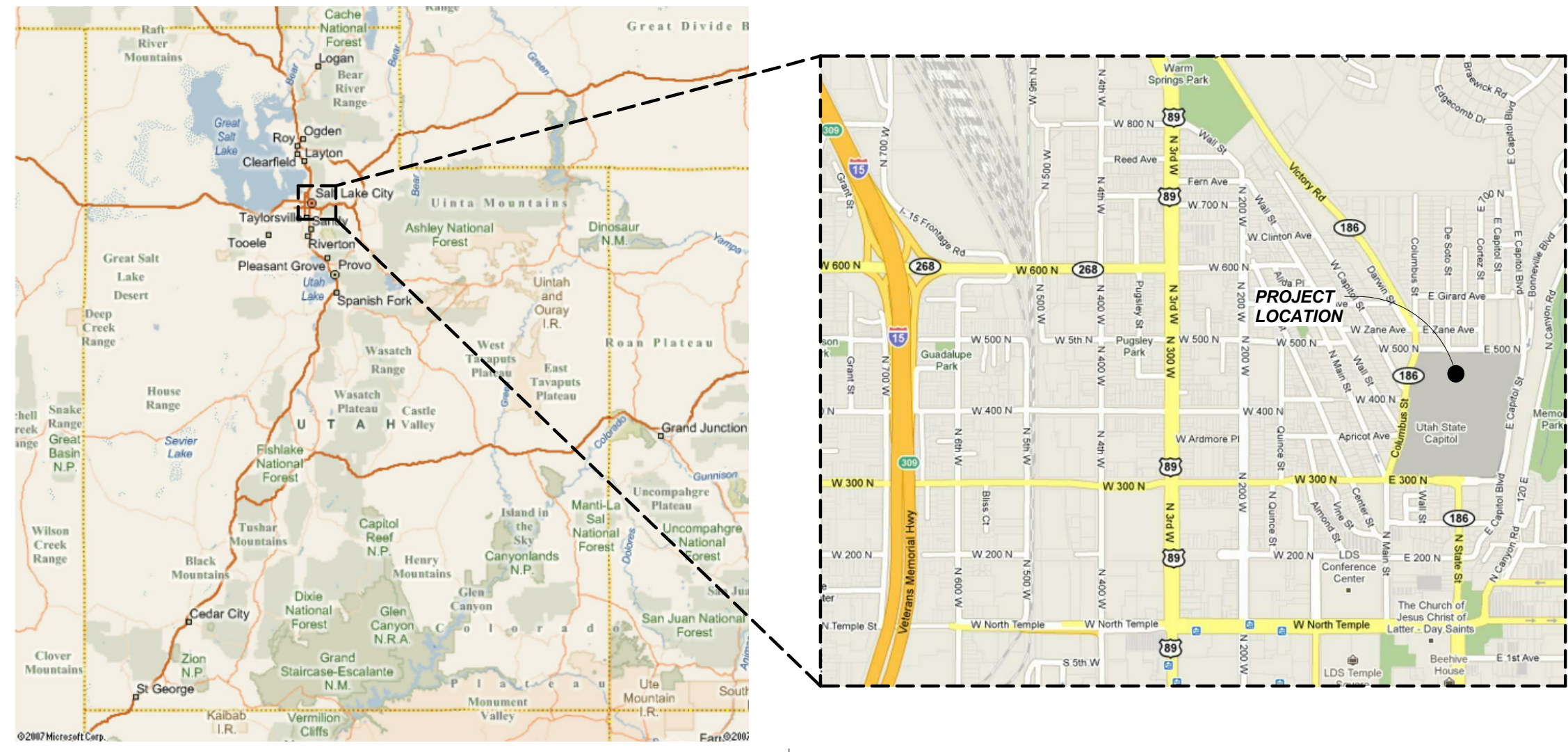
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE PROTECTION OF PEDESTRIANS AS REQUIRED IN 2006 IBC CHAPTER 33 PARAGRAPH 3306. A SUBMITTAL FOR THIS SHALL BE REQUIRED INCLUDING DRAWINGS, STRUCTURAL CALCULATIONS FOR COVERED WALKWAYS ETC. THIS MAY INCLUDE WALKWAYS, DIRECTIONAL BARRICADES, CONSTRUCTION RAILINGS, BARRIERS, COVERED WALKWAYS AND PROCEDURES FOR REPAIR, MAINTENANCE AND REMOVAL OF PROTECTION ELEMENTS
- THE CONTRACTOR IS RESPONSIBLE TO THOROUGHLY UNDERSTAND THE DRAWINGS, BUILDING, SYSTEMS, STRUCTURE, ETC. PRIOR TO BEGINNING THE CONSTRUCTION PROCESS. CAREFUL COORDINATION BETWEEN THE DRAWINGS AND TRADESMEN ON THE JOB IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY QUESTIONS OR VARIATION IN DRAWINGS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION AT THE EARLIEST POSSIBLE OPPORTUNITY.
- CONTRACTOR'S STAGING AREA IS TO BE PROVIDED WITH A SECURE, LOCKED, 6'-0" OR 8'-0" (PER IBC 3306) TALL TEMPORARY CHAIN LINK FENCE. STAGING AREA SHALL NOT BLOCK DOORS, DOCKS, SIDEWALKS ETC. ALL GAPS IN FENCE TO BE MAINTAINED LESS THAN 4". REMOVE AND SECURE ALL LADDERS AT THE END OF EACH DAY. DUMPSTER MUST BE KEPT IN LOCKED FENCED AREA. COORDINATE LOCATION OF STAGING WITH OWNER.
- PROTECT SURROUNDING ROOFS, SIDEWALKS, LANDSCAPING ETC. AS REQUIRED - ANY DAMAGE TO THESE OR OTHER EXISTING ITEMS MUST BE REPAIRED TO ORIGINAL OR BETTER THAN ORIGINAL CONDITION (TO THE SATISFACTION OF THE OWNER AND ARCHITECT).
- THE CONTRACTOR IS TO COMPLY WITH ALL OSHA RULES & REGULATION FOR SAFETY.
- ALL NEW WOOD SHALL BE PRESERVATIVE TREATED - SEE SPEC.
- ALL DIMENSIONS ARE TO BE FIELD VERIFIED - ANY VARIATIONS IN DIMENSIONS ARE TO BE REVIEWED WITH THE ARCHITECT.
- CORRIDORS SHALL NOT BE USED FOR STORAGE OF MATERIALS OR STAGING OF THE WORK.
- PROTECT ALL EXT. FINISHES FROM DAMAGE.
- ALL CAULKING MUST BE INSTALLED AS TO SHED WATER AWAY FROM THE CAULKED SURFACES.
- ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER. THE ARCHITECT SHALL BE ULTIMATE JUDGE OF QUALITY.
- DO NOT SCALE DRAWINGS. STATED & WRITTEN DIMENSIONS GOVERN. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF THE WORK. ANY DIFFERENCE WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR DECISION PRIOR TO ORDERING, MANUFACTURING, OR PROCEEDING WITH THE WORK. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FACE OF FINISH, UNLESS NOTED OTHERWISE. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB EXCEPT WHERE NOTED TO BE ABOVE FINISHED FLOOR (AFF). DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED +/-.
- ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS WHEN POSSIBLE. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS FROM THE BUILDING CREATED BY THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. TRASH IS NOT PERMITTED TO BE BURNED ON SITE.

DEFERRED SUBMITTALS

For the purpose of this section, deferred submittals are defined as per section 106.3.4.2 of the IBC. Submittal documents for deferred submittal items shall be submitted to the engineer/architect for their review for general conformance with the design of the building. After submittals are reviewed for general conformance by the architect and engineer of record, deferred submittals must be submitted to the building official for approval and that deferred items are not to be installed until approved by the building official (see IBC 106.3.4.2). Deferred submittals for this project are:

ITEM #1	PEDESTRIAN COVERED WALKWAYS. Expected 3 weeks after bid has been awarded.
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PROJECT LOCATION



DRAWING INDEX

SHT. #	DRAWING TITLE
GI-001	TITLE SHEET
GI-002	GENERAL INFORMATION
GI-003	CODE / SPECIAL TESTING & INSPECTION
AE-101	ARCHITECTURAL:
AE-501	ROOF PLAN
AE-502	DETAILS



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GENERAL
INFORMATION

SHEET NUMBER:

GI-002

SPECIAL INSPECTION AND TESTING UNDER THE PROVISIONS OF IBC 1704 AND FOR MISCELLANEOUS AREAS

Indicate required Special inspections for project by checking the appropriate boxes and provide specific instructions as to the inspection requirements and the expectations of the architect, engineer and owner:

FABRICATORS (IBC 1704.2)

<input type="checkbox"/> Approved Fabricator	Fabricators Name:
<input type="checkbox"/> Unapproved Fabricator	Fabricators Name:
In-plant inspections	
<input type="checkbox"/> Steel Construction	<input type="checkbox"/> Welding
<input type="checkbox"/> Details	

STEEL (IBC 1704.3)

Item	Detailed Instructions and Frequencies	
High Strength Bolting(1704.3.3)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
WELDING (1704.3.1)		
Details (1704.3.2)		
Complete & partial penetration groove welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Multipass fillet welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Single-pass fillet welds > 5/16"	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Single-pass fillet welds ≤ 5/16"	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Floor & roof deck welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
REINFORCEMENT STEEL		
Continuous	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Verification of weldability	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Shear wall and shear reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Other reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Steel frame joint details	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

CONCRETE CONSTRUCTION (IBC 1704.4)

Item	Detailed Instructions and Frequencies	
Materials (1704.4.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Steel placement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Steel welding	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Bolts prior & during placement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Use of required design mix	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Concrete sampling for strength test, slump, air content, and temperature of concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Concrete & shotcrete placement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Curing temperature and techniques	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Pre-stressed concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Pre-cast concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Posttensioned concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Form work	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

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MASONRY CONSTRUCTION (IBC 1704.5)

Item	Detailed Instructions and Frequencies	
As masonry construction begins:		
Site prepared mortar	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Construction of mortar joints	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Location of reinforcement, connectors, pre-stressing tendons and anchorages	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Pre-stressing technique	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Grade and size of pre-stressing tendons and anchorages	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Inspection program verify:		
Size and location of structural elements	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Type, size and location of anchors	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Size, grade and type of reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Welding of reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Cold and hot weather protection	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Application and measurement of pre-stressing force	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Prior to grouting verify		
Clean grout space	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Placement of reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Grout mix	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Mortar joints	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Grout placement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Grout and mortar specimens and prisms	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Construction and submittal compliance verification	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Empirical masonry – Cat. I-III (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Empirical masonry – Cat. IV (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Engineered masonry – Cat. I-III 1708.1.1	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Engineered masonry – Cat. IV (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Engineering & pre-stressing steel (1708.3)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Structural steel (1708.4)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Qualification of mechanical & electrical equipment (1708.5)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Seismically isolated structures (1708.6)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Testing for seismic resistance is	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

WOOD CONSTRUCTION (IBC 1704.6)

Item	Detailed Instructions and Frequencies	
Prefabricated elements & assembly	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

PAGE 2 OF 5

SOILS CONSTRUCTION (IBC 1704.7)

Item	Detailed Instructions and Frequencies	
Site preparation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Structural fill material	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Structural fill lift thickness	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Structural fill soil densities	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Backfill soils materials	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Backfill soil densities	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

PILE FOUNDATIONS (IBC 1704.8)

Item	Detailed Instructions and Frequencies	
Observe driving operation and reporting	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Verify placement & installation data	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

PIER FOUNDATIONS (IBC 1704.9)

Item	Detailed Instructions and Frequencies	
Observe drilling operation and reporting	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Verify placement & installation data	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

SPRAYED FIRE-RESISTANT MATERIALS (IBC 1704.10)

Item	Detailed Instructions and Frequencies	
Structural member surface conditions	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Material application	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Material thickness	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Material density	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Bonding strength	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (IBC 1704.11)

Item	Detailed Instructions and Frequencies	
Material and installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) (IBC 1704.12)

Item	Detailed Instructions and Frequencies	
Material and installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

ALTERNATIVE CONSTRUCTION METHODS OR MATERIALS (IBC 1704.13)

Item	Detailed Instructions and Frequencies	
Material and installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

EPOXY (IBC 1704.13)

Item	Detailed Instructions and Frequencies	
Material and installation (specify locations)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

SMOKE CONTROL (IBC 1704.14)

Item	Detailed Instructions and Frequencies	
Material	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

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Installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
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Special inspection for seismic resistance (IBC 1707)

Item	Detailed Instructions and Frequencies	
Structural Steel (1707.2)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Structural Wood (1707.3)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Cold-formed steel framing (1707.4)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Pier foundations (1707.5)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Storage racks & access floors (1707.6)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Architectural components (1707.7)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Mechanical & electrical items (1707.8)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Designated systems verification (1707.9)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Seismic isolation systems (1707.10)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

MISCELLANEOUS AREAS

Detailed Instructions and Frequencies	
These inspections are recommended by the Architect/Engineer and approved by DFCM.	
Suspended Ceiling Grid Clips	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Suspended Ceiling wire spacing (Seismic)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Soils backfill (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Soils for curb and gutter (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Soils for parking lots (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Soils for utility trench backfill	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Reinforcement for slab on grade sidewalks and drive approaches (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Reinforcement for interior slab on grade (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Concrete testing for slab on grade sidewalks and drive approaches (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Concrete testing for interior slab on grade (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Masonry Veneer (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Asphalt inspection (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Asphalt testing (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Inspection of seismic resistance (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Steam and water line welding (specify locations and frequency)	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic
Seismic supports for duct work and sealing of joints for duct work	<input type="checkbox"/> Continuous <input type="checkbox"/> Periodic

PAGE 4 OF 5

Seismic supports for electrical raceways, cable trays and lights	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Seismic supports for plumbing lines including gas, water and steam and condensation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
Seismic bracing for mechanical units both on slab and suspended	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic

- Special Inspectors Shall:
- Be approved by the Building Official prior to performing any duties;
 - Provide proof of licensure as a special inspector by the State of Utah for each type of inspection;
 - Inspection reports are to meet the requirements of IBC 1704.1.2 and DFCM standards;
 - Inspection reports are to be submitted to the code consultant, architect, DFCM project manager, and the State of Utah Building Official within 48 hrs. of inspections;
 - A final inspection report shall be submitted following completion of the project documenting the types of special inspections performed and a statement indicating that the structure is in compliance with the drawings, specifications and applicable codes. IBC 1704.1.2

Updated October 8, 2009

* THERE ARE NO SPECIAL INSPECTIONS REQUIRED *

PAGE 5 OF 5

CODE ANALYSIS

APPLICABLE CODES			
Year		Year	
International Building Code	2009	National Electrical Code	2008
International Mechanical Code	2006	Uniform Code for Building Conservation	N.A.
International Plumbing Code	2006	ADA Accessibility Guidelines	2003 ANSI 117.1 1994 ADAG
International Fire Code	2006		
Conservation Code			

- A. Occupancy and Group: B
- Change in Use: Yes No X Mixed Occupancy: Yes No X
Special Use and Occupancy (e.g. High Rise, Covered Mall):
- B. Seismic Design Category: D Design Wind Speed: 90 mph
- C. Type of Construction (circle one):
I A I B II A II B III A III B IV HT V A V B
- D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
North: 0 South: 0 East: 0 West: 0
- E. Mixed Occupancies: Nonseparated Uses: NO
- F. Sprinklers:
Required: NO Provided: YES Type of Sprinkler System: **MANUAL SYSTEM**
HALON - 90% WATER - 10%
- G. Number of Stories: 1 Building Height: 15'-7"
- H. Actual Area per Floor (square feet): N.A.
- I. Tabular Area: N.A.
- J. Area Modifications: N.A.
- K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	<u>0</u>		Floors - Ceiling Floors	<u>0</u>	
Interior Bearing Walls	<u>0</u>		Roofs - Ceiling Roofs	<u>0</u>	
Exterior Non-Bearing Walls	<u>0</u>		Exterior Doors and Windows	<u>0</u>	
Structural Frame	<u>0</u>		Shaft Enclosures	<u>N.A.</u>	
Partitions - Permanent	<u>0</u>		Fire Walls	<u>N.A.</u>	
Fire Barriers			Fire Partitions	<u>N.A.</u>	
			Smoke Partitions	<u>N.A.</u>	

- L. Design Occupant Load: N.A.
Exit Width Required: N.A. Exit Width Provided: N.A.
- M. Minimum Number of Required Plumbing Facilities:
a) Water Closets - Required (m) N.A. (f) N.A. Provided (m) N.A. (f) N.A.
b) Lavatories - Required (m) N.A. (f) N.A. Provided (m) N.A. (f) N.A.
c) Bath Tubs or Showers: N.A.
d) Drinking Fountains: N.A. Service Sinks: N.A.

- FOOTNOTES:
- 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through X - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
a) High Rise Requirements.
b) Atriums.
c) Performance Based Criteria.
d) Means or Egress Analysis.
e) Fire Assembly Locator Sheet.
f) Exterior and Interior Accessibility Route.
g) Fire Stopping, Including Tested Design Number.

ARCHITECT'S INFORMATION



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PROFESSIONAL STAMP:

PROJECT NAME:

2010 CAPITOL HILL
DTS BUILDING REROOF

1104 STATE OFFICE BUILDING
CAPITOL HILL COMPLEX
SALT LAKE CITY, UTAH 84114

REVISIONS: 2

NO.	DATE	DESCRIPTION
01	08/04/10	BID DOCUMENTS

OWNER PROJECT #: 10235310
SPE PROJECT #: 10-20
DRAWN BY: JBE
CHECKED BY: SPE
DESIGNED BY: SPE
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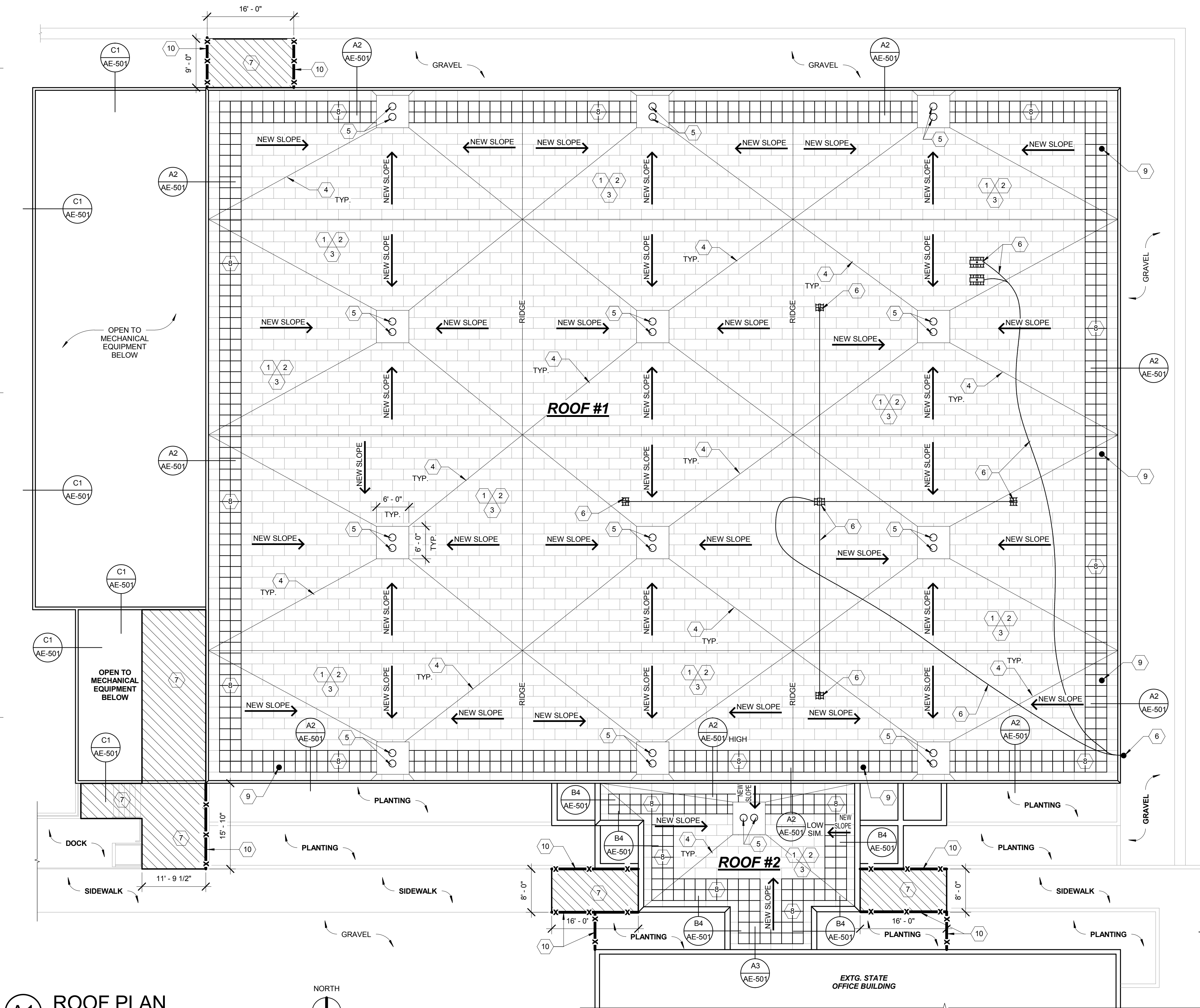
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CODE / SPECIAL TESTING & INSPECTION

SHEET NUMBER:

GI-003

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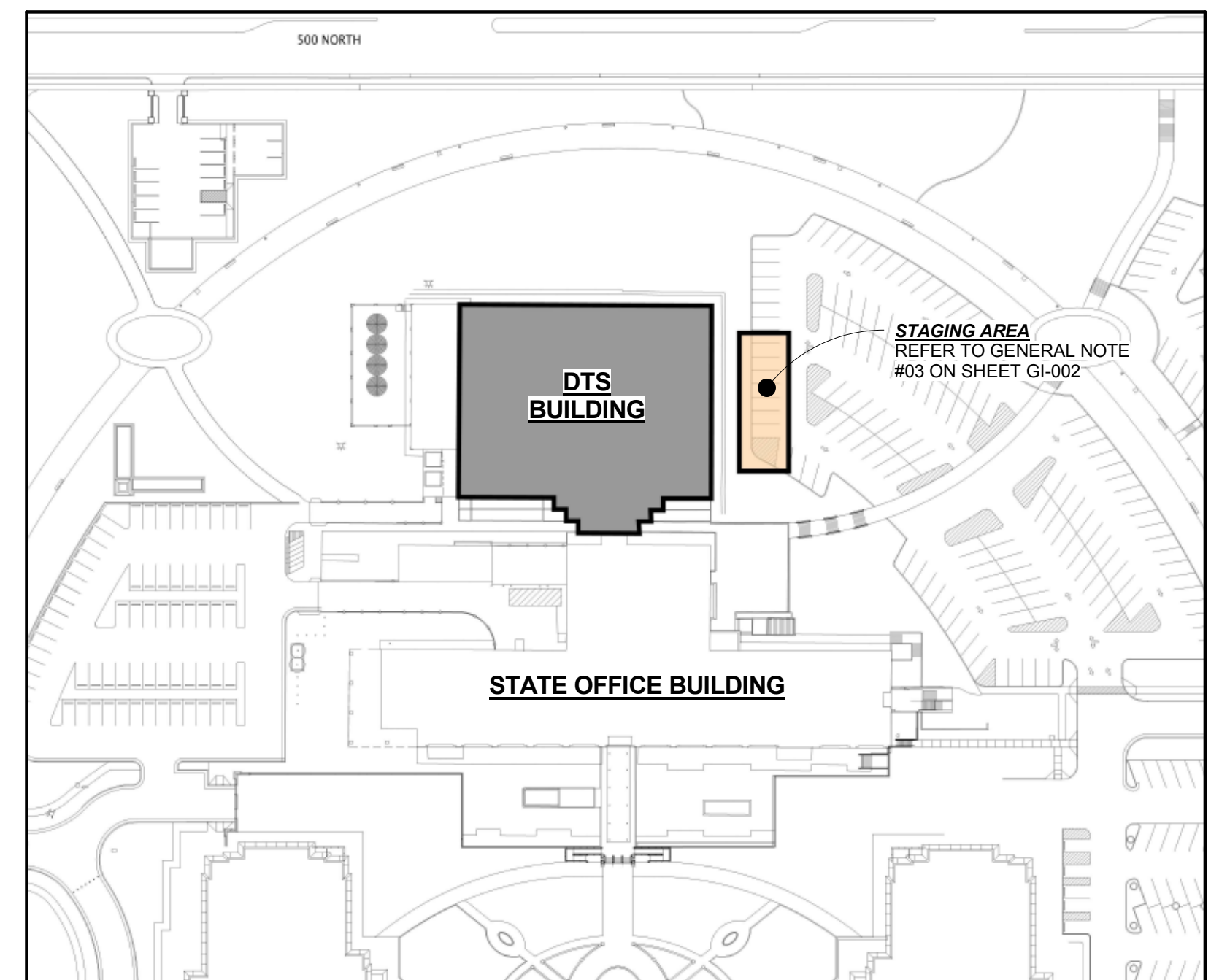


A1 ROOF PLAN
3/32" = 1'-0"

**MAINTAIN EXISTING BUILDING IN A WEATHERTIGHT
CONDITION THROUGHOUT CONSTRUCTION PERIOD -
REPAIR DAMAGE CAUSED BY CONSTRUCTION
OPERATIONS - PROTECT BUILDING, CONTENTS AND ITS
OCCUPANTS DURING CONSTRUCTION PERIOD.**

KEYED NOTES

- CAREFULLY REMOVE EXTG. 2" THICK INSULATED CONCRETE PAVERS - SALVAGE FOR REUSE AFTER NEW ROOFING SYSTEM IS INSTALLED - REFER TO A1/AE-501 - REPLACE ANY BROKEN PAVERS AS REQUIRED - TRIM BOTTOM OF PAVERS AS REQUIRED SO THAT TOP OF PAVES SURFACE ARE FLUSH & THE CEMENT SURFACES ABOUT EACH OTHER TYPICAL.
- REMOVE EXTG. ROOFING SYSTEM DOWN TO THE BARE CONCRETE DECK - REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO, ROOFING MEMBRANE, INSULATION, NAILERS, CANTS, CURBS, WOOD PARAPETS, METAL FASCIA/COPING ETC. REFER TO DETAIL A1/AE-501.
- INSTALL NEW SINGLE PLY MEMBRANE ROOFING SYSTEM AND INSULATION PER DETAILS AND SPECIFICATIONS - REFER TO DETAIL A1/AE-501.
- NEW TAPERED INSULATION SYSTEM - PROVIDE 1/4"FT. TAPER SYSTEM IN VALLEYS.
- EXTG. PRIMARY & SECOND ROOF DRAIN SYSTEM - RAISE DRAIN AS REQUIRED TO PERFORM NEW WORK - CREATE 6'-0" x 6'-0" SUMP AS SHOWN - REFER TO DETAIL B1/AE-502.
- EXTG. ANTENNA TO BE REMOVED BY OWNER BEFORE ROOF WORK IS TO BEGIN - OWNER TO REINSTALL ANTENNA AFTER WORK IS COMPLETED.
- COVERED WALKWAY - PER SECTION 3306.7 OF THE 2009 IBC - PANELIZED / SCAFFOLDING SYSTEM CAN BE USED - THE CONTRACTOR SHALL PROVIDE CALCULATIONS AND PROTECTION DESIGNED TO SUPPORT ALL IMPOSED LOADS AND IN NO CASE SHALL THE DESIGN LIVE LOAD BE LESS THAN 150 POUNDS PER SQUARE FOOT - PROVIDE IN AREAS WHERE OVERHEAD WORK IS OCCURRING.
- CAREFULLY REMOVE EXTG. 2"x2x2" THICK CONCRETE PAVERS - SALVAGE FOR REUSE AFTER NEW ROOFING SYSTEM IS INSTALLED - REPLACE ANY BROKEN PAVERS AS REQUIRED.
- EXTG. PIPE/VENT (SHOWN AS SOLID CIRCLE TYP) TO REMAIN - PROVIDE EXTENSIONS FOR PIPE AS REQUIRED TO GIVE A MIN. OF 12" FROM TOP OF PIPE TO NEW ROOFING SURFACE - REFER TO DETAIL A1/AE-502.
- 6' HIGH TEMPORARY CHAIN LINK FENCE - PROVIDE IN AREAS WHERE OVERHEAD WORK IS OCCURRING.



A4 SITE PLAN
SCALE: NONE



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REVISIONS: **A**

NO. DATE DESCRIPTION

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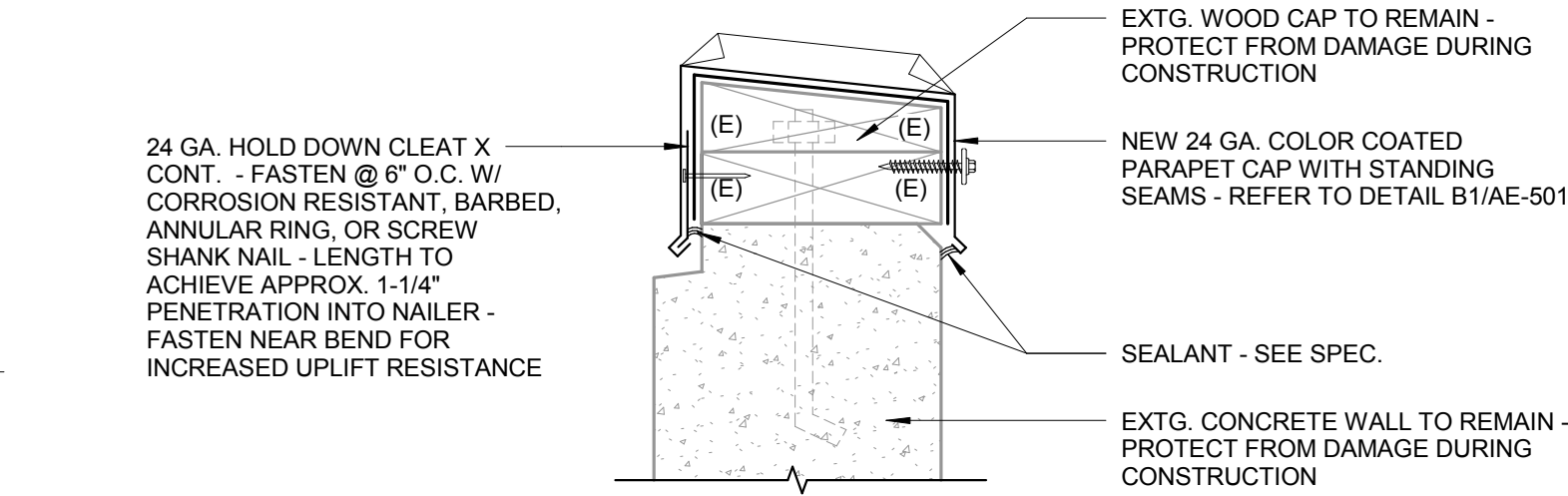
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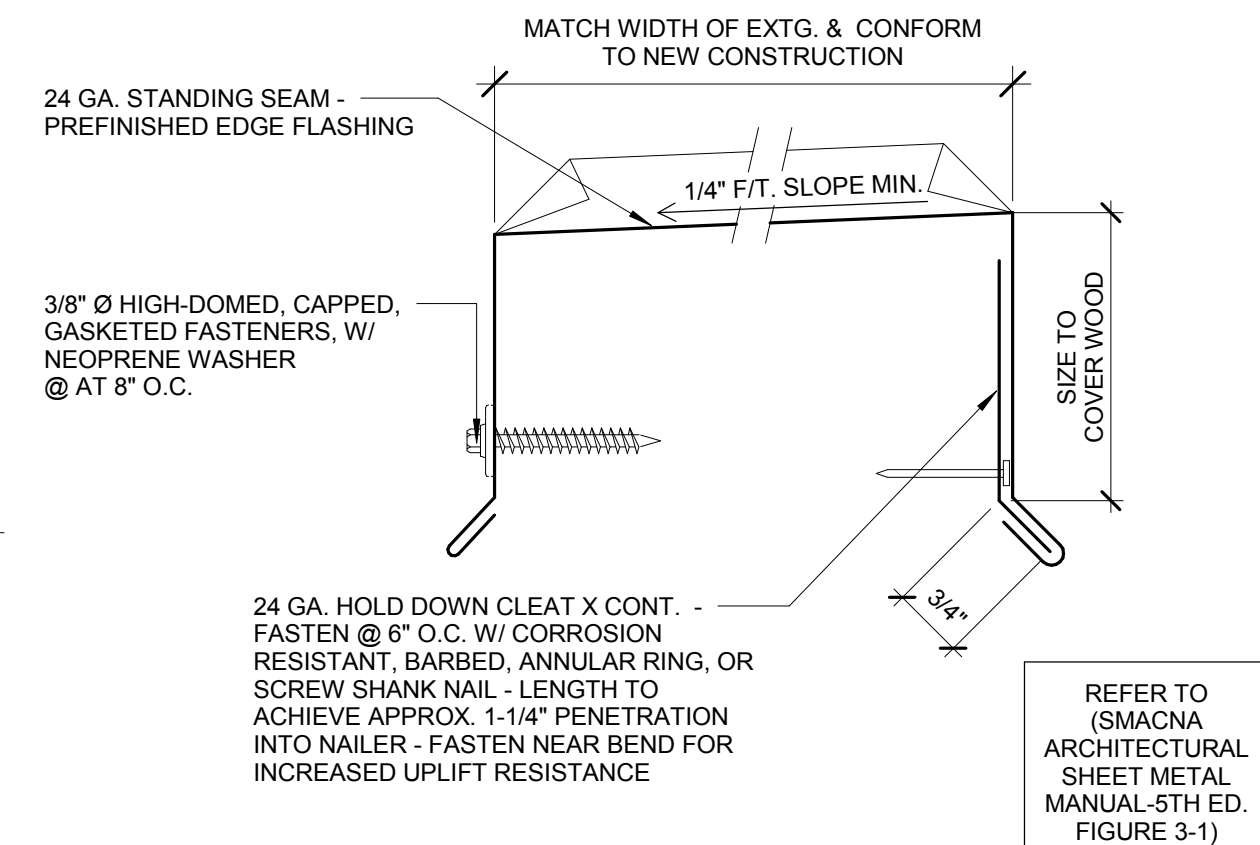
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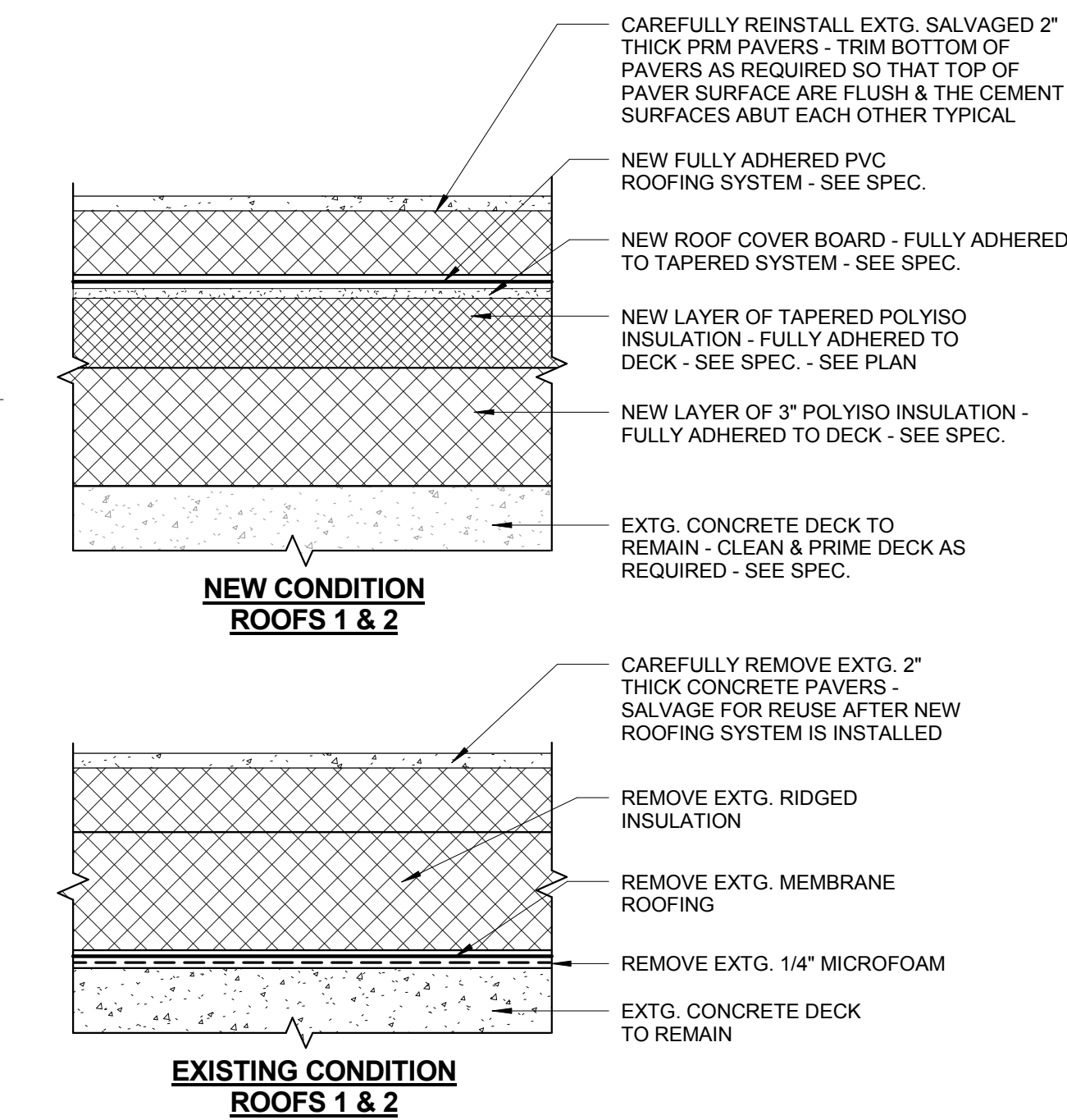
C1 CAP FLASHING DETAIL

C



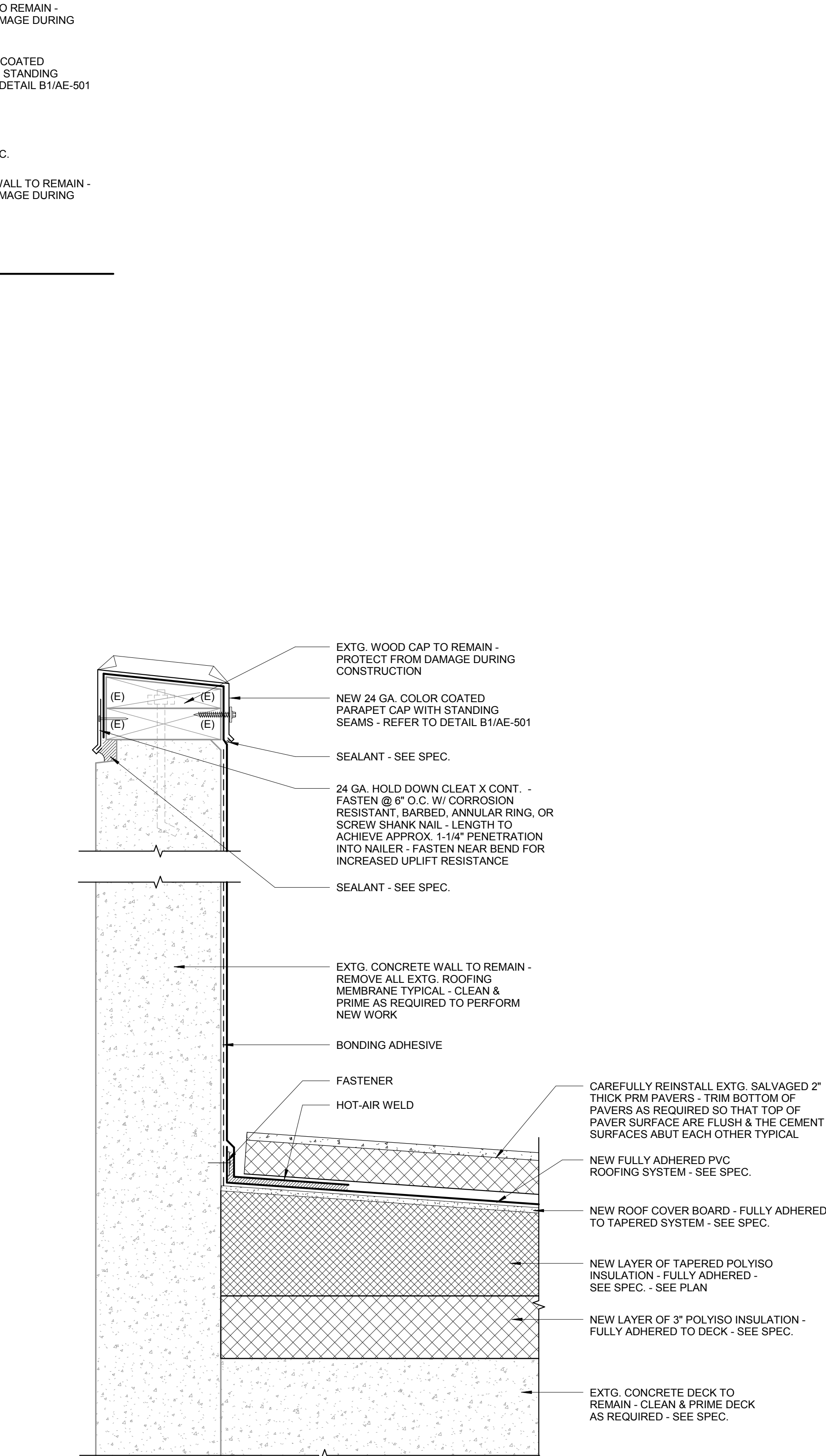
B1 CAP METAL DETAIL

B



A1 NEW VS. EXTG. DETAIL

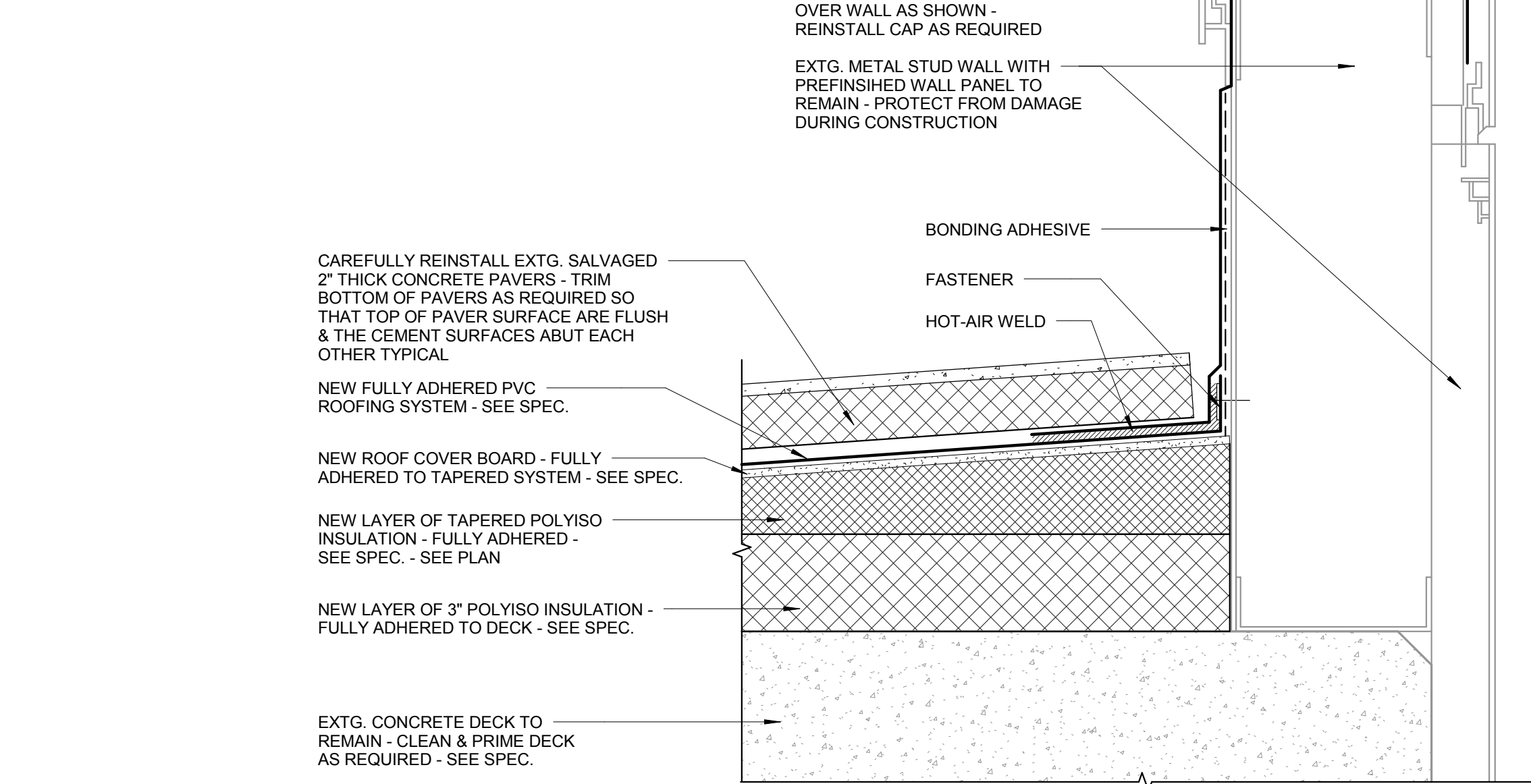
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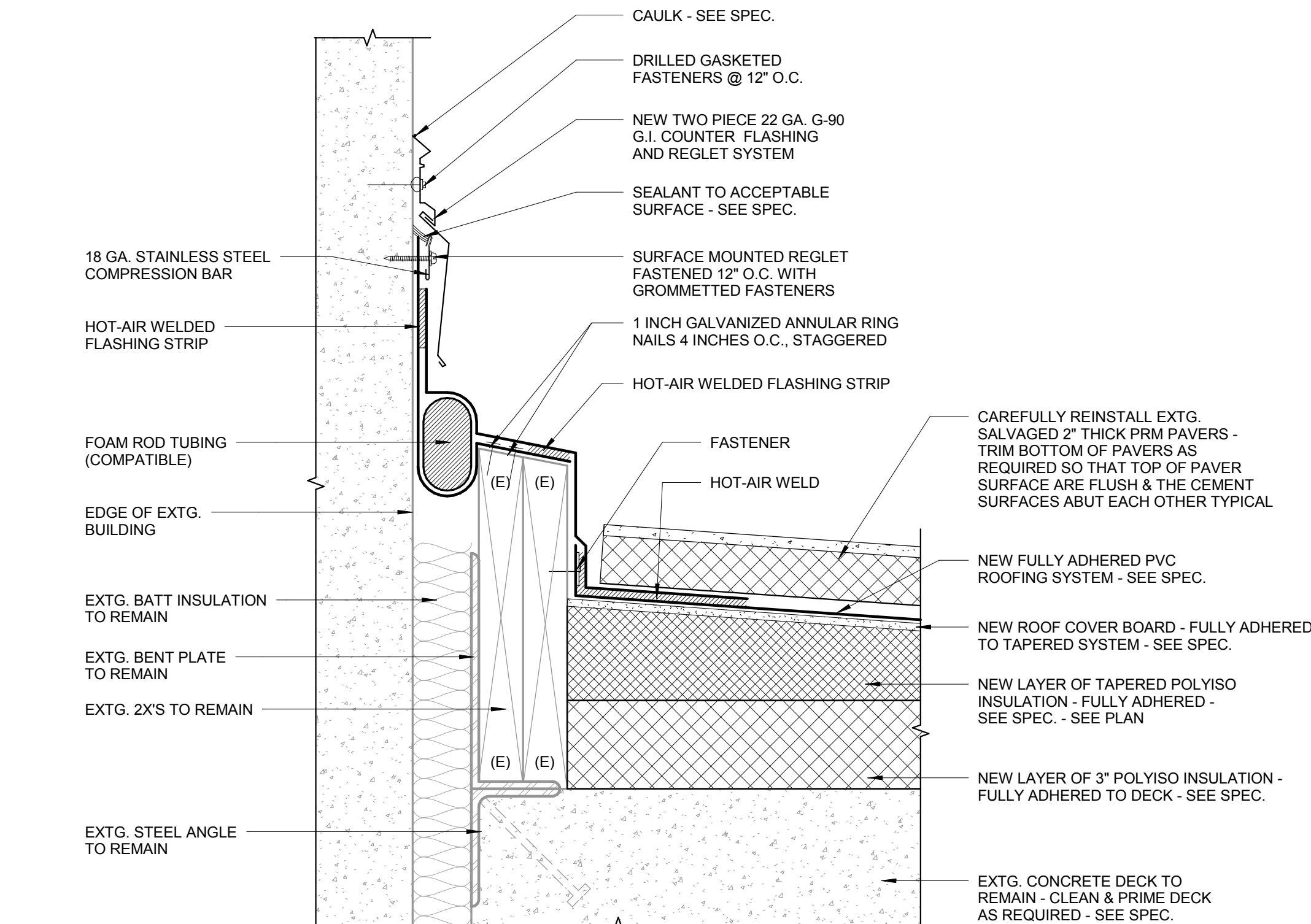
A2 ROOF DETAIL

3

4



B4 ROOF DETAIL



A3 EXPANSION JOINT DETAIL

5

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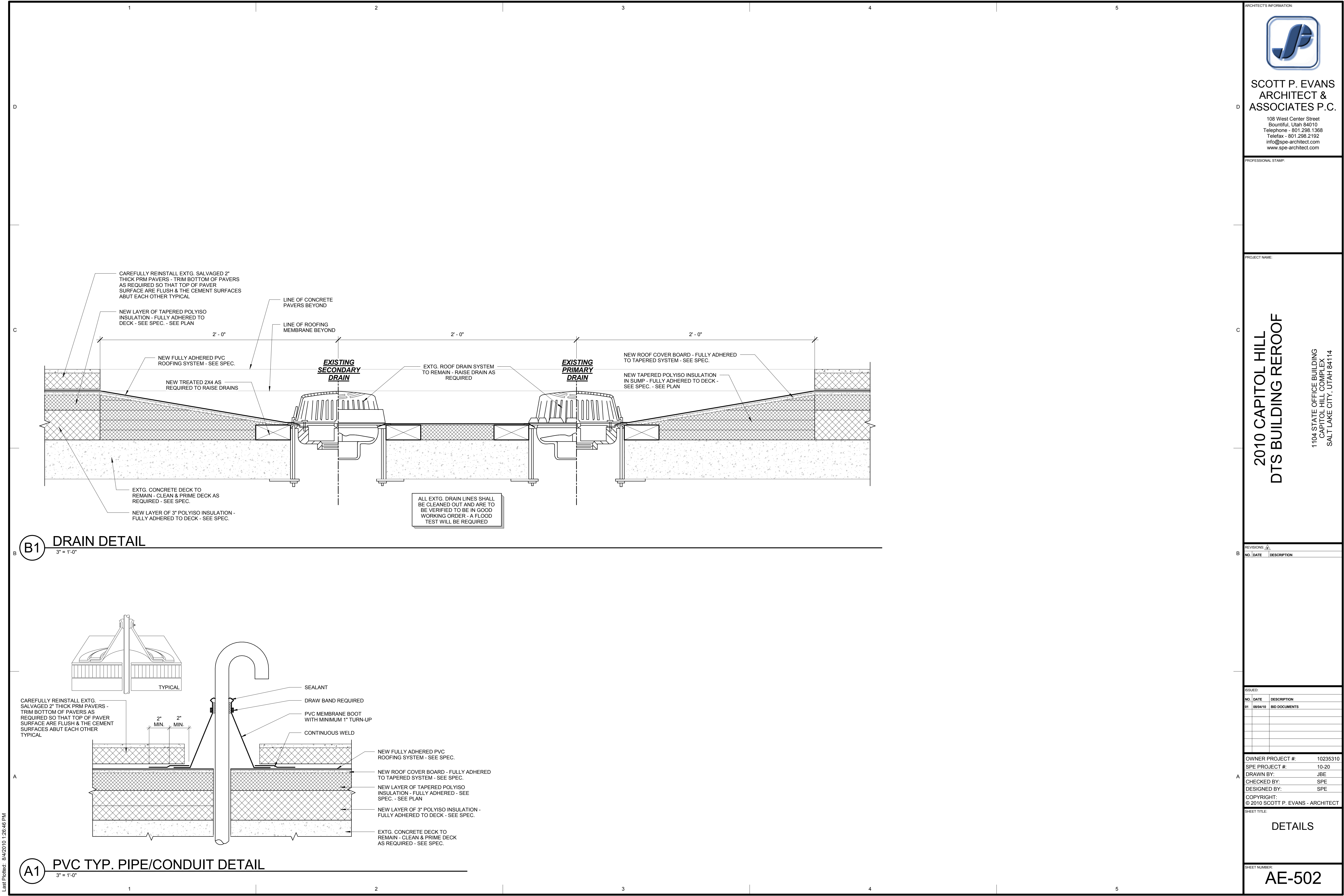
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DETAILS

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